

**§ 1.959**

(3) ML is the mean geodetic latitude in degree-decimal format.

(4) KPD<sub>lat</sub> is the number of kilometers per degree of latitude at a given mean geodetic latitude.

(5) KPD<sub>lon</sub> is the number of kilometers per degree of longitude at a given mean geodetic latitude.

(6) NS is the North-South distance in kilometers.

(7) EW is the East-West distance in kilometers.

(8) DIST is the distance between the two locations, in kilometers.

[70 FR 19306, Apr. 13, 2005]

**§ 1.959 Computation of average terrain elevation.**

Except as otherwise specified in § 90.309(a)(4) of this chapter, average terrain elevation must be calculated by computer using elevations from a 30 second point or better topographic data file. The file must be identified. If a 30 second point data file is used, the elevation data must be processed for intermediate points using interpolation techniques; otherwise, the nearest point may be used. In cases of dispute, average terrain elevation determinations can also be done manually, if the results differ significantly from the computer derived averages.

(a) Radial average terrain elevation is calculated as the average of the elevation along a straight line path from 3 to 16 kilometers (2 and 10 miles) extending radially from the antenna site. If a portion of the radial path extends over foreign territory or water, such portion must not be included in the computation of average elevation unless the radial path again passes over United States land between 16 and 134 kilometers (10 and 83 miles) away from the station. At least 50 evenly spaced data points for each radial should be used in the computation.

(b) Average terrain elevation is the average of the eight radial average terrain elevations (for the eight cardinal radials).

(c) For locations in Dade and Broward Counties, Florida, the method prescribed above may be used or average terrain elevation may be assumed to be 3 meters (10 feet).

[70 FR 19306, Apr. 13, 2005]

**47 CFR Ch. I (10-1-10 Edition)****REPORTS TO BE FILED WITH THE COMMISSION****§ 1.981 Reports, annual and semi-annual.**

(a) Licensees of stations authorized for developmental operation shall submit a report on the results of the developmental program. The report shall be filed with and made a part of each application for renewal of authorization. The report shall be filed at the Commission's offices in Washington, DC or alternatively may be sent to the commission electronically via the ULS.

(b) The report shall include comprehensive and detailed information on the following:

- (1) The final objective.
- (2) Results of operation to date.
- (3) Analysis of the results obtained.
- (4) Copies of any published reports.
- (5) Need for continuation of the program.

(6) Number of hours of operation on each frequency.

(c) Where required by the particular service rules, licensees who have entered into agreements with other persons for the cooperative use of radio station facilities must submit annually an audited financial statement reflecting the nonprofit cost-sharing nature of the arrangement to the Commission's offices in Washington, DC or alternatively may be sent to the Commission electronically via the ULS, no later than three months after the close of the licensee's fiscal year.

[63 FR 68935, Dec. 14, 1998]

**Subpart G—Schedule of Statutory Charges and Procedures for Payment**

SOURCE: 52 FR 5289, Feb. 20, 1987, unless otherwise noted.

**§ 1.1101 Authority.**

Authority to impose and collect these charges is contained in title III, section 3001 of the Omnibus Budget Reconciliation Act of 1989 (Pub. L. 101-239), revising 47 U.S.C. 158, which directs the Commission to prescribe charges for certain of the regulatory services it provides to many of the

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communications entities within its jurisdiction. This law revises section 8 of the Communications Act of 1934, as amended, which contains a Schedule of Charges as well as procedures for modifying and collecting these charges.

[55 FR 19155, May 8, 1990]

### § 1.1102 Schedule of charges for applications and other filings in the wireless telecommunications services.

Those services designated with an asterisk in the payment type code col-

umn have associated regulatory fees that must be paid at the same time the application fee is paid. Please refer to § 1.1152 for the appropriate regulatory fee that must be paid for this service. Remit manual filings and/or payment for these services to the: Federal Communications Commission, Wireless Bureau Applications, P.O. Box 979097, St. Louis, MO 63197-9000.

Service	FCC Form No.	Fee amount (\$)	Payment type code
1. Marine Coast:			
a. New; Renewal/Modification .....	601 & 159 .....	120.00	PBMR*
b. Modification; Public Coast CMRS; Non-Profit .....	601 & 159 .....	120.00	PBMM
c. Assignment of Authorization .....	603 & 159 .....	120.00	PBMM
d. Transfer of Control .....	603 & 159 .....	60.00	PATM
Spectrum Leasing for Public Coast .....	608 & 159 .....		
e. Duplicate License .....	601 & 159 .....	60.00	PADM
f. Special Temporary Authority .....	601 & 159 .....	170.00	PCMM
g. Renewal Only .....	601 & 159 .....	120.00	PBMR*
h. Renewal (Electronic Filing) .....	601 & 159 .....	120.00	PBMR*
i. Renewal Only (Non-Profit; CMRS) .....	601 & 159 .....	120.00	PBMM
j. Renewal (Electronic Filing) Non-profit, CMRS .....	601 & 159 .....	120.00	PBMM
k. Rule Waiver .....	601, 603 or 608 & 159 .....	175.00	PDWM
l. Modification for Spectrum Leasing for Public Coast Stations ...	608 & 159 .....	120.00	PBMM
2. Aviation Ground:			
a. New; Renewal/Modification .....	601 & 159 .....	120.00	PBVR*
b. Modification; Non-Profit .....	601 & 159 .....	120.00	PBVM
c. Assignment of Authorization .....	603 & 159 .....	120.00	PBVM
d. Transfer of Control .....	603 & 159 .....	60.00	PATM
e. Duplicate License .....	601 & 159 .....	60.00	PADM
f. Special Temporary Authority .....	601 & 159 .....	170.00	PCVM
g. Renewal Only .....	601 & 159 .....	120.00	PBVR*
h. Renewal (Electronic Filing) .....	601 & 159 .....	120.00	PBVR*
i. Renewal Only, Non-Profit .....	601 & 159 .....	120.00	PBVM
j. Renewal, Non-Profit (Electronic Filing) .....	601 & 159 .....	120.00	PBVM
k. Rule Waiver .....	601 or 603 & 159 .....	175.00	PDWM
3. Ship:			
a. New; Renewal/Modification; Renewal Only .....	605 & 159 .....	60.00	PASR*
b. New; Renewal/Modification; Renewal Only (Electronic Filing)	605 & 159 .....	60.00	PASR*
c. Renewal Only, Non-profit .....	605 & 159 .....	60.00	PASM
d. Renewal Only, Non-profit (Electronic Filing) .....	605 & 159 .....	60.00	PASM
e. Modification; Non-profit .....	605 & 159 .....	60.00	PASM
f. Modification; Non-profit (Electronic Filing) .....	605 & 159 .....	60.00	PASM
g. Duplicate License .....	605 & 159 .....	60.00	PADM
h. Duplicate License (Electronic Filing) .....	605 & 159 .....	60.00	PADM
i. Exemption from Ship Station Requirements .....	605 & 159 .....	175.00	PDWM
j. Rule Waiver .....	605 & 159 .....	175.00	PDWM
k. Exemption from Ship Station Requirements (Electronic Filing)	605 & 159 .....	175.00	PDWM
l. Rule Waiver (Electronic Filing) .....	605 & 159 .....	175.00	PDWM
4. Aircraft:			
a. New; Renewal/Modification .....	605 & 159 .....	60.00	PAAR*
b. New; Renewal/Modification (Electronic Filing) .....	605 & 159 .....	60.00	PAAR*
c. Modification; Non-Profit .....	605 & 159 .....	60.00	PAAM
d. Modification Non-Profit (Electronic Filing) .....	605 & 159 .....	60.00	PAAM
e. Renewal Only .....	605 & 159 .....	60.00	PAAR*
f. Renewal (Electronic Filing) .....	605 & 159 .....	60.00	PAAR*
g. Renewal Only Non-Profit .....	605 & 159 .....	60.00	PAAM
h. Renewal; Renewal/Modification, Non-Profit (Electronic Filing)	605 & 159 .....	60.00	PAAM
i. Duplicate License .....	605 & 159 .....	60.00	PADM
j. Duplicate License (Electronic Filing) .....	605 & 159 .....	60.00	PADM
k. Rule Waiver .....	605 & 159 .....	175.00	PDWM
l. Rule Waiver (Electronic Filing) .....	605 & 159 .....	175.00	PDWM
5. Private Operational Fixed Microwave and Private DEMS:			
a. New; Renewal/Modification .....	601 & 159 .....	260.00	PEOR*